In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No 1004-0135
Expires March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
FEB 13 2008
Bureau of Land Management
Farmington Field Office

| | | | |
|---|---|---|---|
| 5 | Lease Designation and Serial No<br>NM-010910 | | |
| 6 | If Indian, Allottee or Tribe Name | | |
| 7. | If Unit or CA, Agreement Designation<br>Cox Canyon Unit | | |
| 1 | Type of Well<br>Oil Well X Gas Well Other | 8 | Well Name and No<br>Cox Canyon #009C |
| 2 | Name of Operator<br>WILLIAMS PRODUCTION COMPANY | 9. | API Well No<br>30-045-33851 |
| 3 | Address and Telephone No<br>PO Box 640 Aztec, NM 87410-0640 | 10 | Field and Pool, or Exploratory Area<br>BLANCO MV/BASIN DK |
| 4 | Location of Well (Footage, Sec., T., R , M , or Survey Description)<br>1980 FNL & 1905 FWL, Sec 20, T32N, R11W | 11. | County or Parish, State<br>San Juan, New Mexico |

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | |
|---|---|---|
| X Notice of Intent | Abandonment | X Change of Plans |
| Subsequent Report | Recompletion | New Construction |
| Final Abandonment | Plugging Back | Non-Routine Fracturing |
| | Casing Repair | Water Shut-Off |
| | Altering Casing | Conversion to Injection |
| | Other | Dispose Water |
| | | (Note Report results of multiple completion on Well Completion or Recompletion Report and Log form ) |

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Williams Production intends to alter the casing design of the above well to delete the 3-1/2" liner per attached drilling plan.

RCVD FEB 18 '08

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed Larry Higgins Title Drilling C O M Date February 13, 2008

(This space for Federal or State office use)

Approved by Troy L Salyers Title PE Date 2-14-08

Conditions of approval, if any

Title 18 U S C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD

# WILLIAMS PRODUCTION COMPANY
## Drilling Plan

*(Note: This procedure will be adjusted on site based upon actual conditions)*

| | | | |
|---|---|---|---|
| **DATE:** | 1/29/2008 | **FIELD:** | Blanco MV/DK |
| **WELL NAME:** | **Cox Canyon Unit #9-C** | **SURFACE:** | Fee |
| **S. LOCATION:** | SE/4 NW/4 Sec 20-32N-11W<br>San Juan, NM | **MINERALS:** | Federal |
| **ELEVATION:** | 6,711 ft. GL | **LEASE #** | NM-010910 |
| **MEASURED DEPTH:** | **8,135 ft. (MD)** | **API#:** | 30-045-33851 |

**I. GEOLOGY:** Surface formation - San Jose

**A. FORMATION TOPS:** ( KB)

| | TVD | | TVD |
|---|---|---|---|
| Ojo Alamo | 1,540' | Menefee | 5,290' |
| Kirtland | 1,595' | Point Lookout | 5,670' |
| **Int. Casing** | **2,860'** | Mancos sh | 5,995' |
| Fruitland Fmtn | 2,910' | Gallup | 7,030' |
| Pictured Cliffs | 3,350' | Greenhorn | 7,735' |
| Lewis Sh | 3,555' | Graneros | 7,800' |
| Huerfanito Bentonite | 4,050 | Dakota | 7,870 |
| Cliff House Trans | 4,900' | **5-1/2" Casing** | **8,135'** |
| Cliff House | 5,130' | | |
| | | **Total Depth** | **8,135'** |

**B. LOGGING PROGRAM:** (HRI) OH Log will be run from TD to 7-5/8" csg shoe. ( SDL-DSEN) OH log, **John Bircher** will select exact intervals. ***Subject to change as wellbore conditions dictate.*** Mud Logger on at 5,900 ft to TD.

**C. NATURAL GAUGES:** Gauge any noticeable increases in gas flow. Record all gauges in Tour book and on morning reports.

**II. DRILLING**

**A. MUD PROGRAM:** Use a LSND mud (+/-40 Vis.) to drill 9-7/8 in. Intermediate Hole. Increase vis to +/-60 to run Casing. Treat for lost circulation as necessary. Obtain 100% returns prior to cementing. Notify Engineering of any mud losses. Use air w/Air Hammer w/ 6-3/4 in. bit to drill-out 7-5/8 in. csg. to TD +/- 8,135 ft.

**B. BOP TESTING:** While drill pipe is in use, the pipe rams and the blind rams will be function tested once each trip. The anticipated reservoir is expected to be less than 1300 psi, so the BOPE will be tested to **250 psi (Low) for 5 minutes** and **1500 psi (High) for 10 minutes**. Utilize a BOPE Testing Unit with a recording chart and appropriate test plug for testing. The surface and Intermediate casing will be pressure tested **to 1500 psi for 30 minutes** after the BOPE test before drilling out cement. The drum brakes will be inspected and tested each tour. **All tests, inspections and SPR's will be recorded in the tour book as to time and results.**

## III. MATERIALS

### A. CASING PROGRAM:

| CASING TYPE | HOLE SIZE | DEPTH (MD) | CASING SIZE | WT. & GRADE |
|---|---|---|---|---|
| Surface | 14-3/4" | +300' | 10-3/4" | 32.75# K-55 |
| Intermediate | 9-7/8" | 2,860' | 7-5/8" | 26.4# K-55 |
| Prod. Casing | 6-3/4" | +/-8,135'-Surf. | 5-1/2" | 17# N-80 |

### B. FLOAT EQUIPMENT:

1. SURFACE CASING: 10-3/4" notched regular pattern guide shoe. Run (1) standard centralizer on each of the bottom (3) joints of Surface Casing.

2. INTERMEDIATE CASING: INTERMEDIATE CASING: 7-5/8" cement nose guide shoe with a self-fill float Collar. Place Float Collar one joint above the shoe. Install (1) Turbulent centralizer on each of the bottom (3) joints. Run (1) Turbulent centralizer at 2,700 ft., 2,500 ft., 2,300ft. 2,000ft., 1,500 ft., and 1,000 ft. **(NTL-FRA 90-1). ( Call this in to BLM for approval. If denied, follow what is in the Operations Plan in the Permit package. )**

3. PRODUCTION CASING: 5-1/2" whirler type cement nose guide shoe with a float collar on top of 20ft. bottom joint. Place marker joint above 5,600'. Place one turbolizer every third joint thru Dakota and Mesa Verde intervals. **). ( Call this in to BLM for approval. If denied, follow what is in the Operations Plan in the Permit package. )**

### C. CEMENTING: *Note: Volumes may be adjusted onsite due to actual conditions)*

1. SURFACE: Slurry: 255sx (205 cu.ft.) of "Type III" + 2% $CaCl_2$ + ¼ # of cello-flake/sk (Yield = 1.39 cu.ft./sk, Weight = 14.5 #/gal.). The 100% excess should circulate cement to the surface. WOC 12 hours. Test csg to 1500psi.

2. INTERMEDIATE: Lead - 625sx (1,298 cu.ft.) of Premium Light with 8% gel, 1% $CaCl_2$, 4% Phenoseal and 1/4# cello-flake/sk (Yield = 2.11 cu.ft./sk, Weight = 12.1 #/gal.). Tail - 100 sx (139cu.ft.) of "Type III" with 1/4# cello-flake/sk (Yield = 1.4 cu.ft./sk, Weight = 14.5#/gal.). Use **100% excess in Lead Slurry** to circulate to surface. **No excess in Tail Slurry.** Total volume = 1,437 cu.ft. Bump Plug to 1,500 psi. Notify engineering if cement is not circulated to surface.

3. PRODUCTION CASING: 10 bbl Gelled Water space. Lead: 75sx (195$ft^3$) of Premium Light HS + 1% FL-52 + .2% CD-32, 3 #/sk CSE. ( Yield = 2.61 cu.ft./sk, Weight = 11.6 #/gal.). Tail: 110 sx (234 $ft^3$) of Premium Light HS + 1% FL-52 + .2% CD-32, 3 #/sk CSE, ¼ #/sk cello flake and 4% Phenoseal. (Yield = 2.15 $ft^3$/sk, Weight = 12.3 #/gal.). Displace cement at a minimum of 8 BPM. The 20% excess in lead and tail should cover 100 ft into intermediate casing. Total volume 429$ft^3$. WOC 12 hours.

Gary Sizemore
Sr. Drilling Engineer